In one embodiment, video camera 500 includes lens 510, CCD 520 and converter 530 that function in a similar manner as lens 410, CCD 420 and converter 430 discussed above. The output of converter 530 is coupled to processor 102 via frame line 540. Alternatively, converter 530 may be coupled to bus 101 directly or though an interface via line 540.

IN THE CLAIMS

15. (Twice Amended) A computer system that operates in a active mode and enters an inactive mode in response to a predetermined period of inactivity, the computer system comprising:

a memory to store a weighted average of brightness corresponding to one or more frames representing a view at different times; and

a processor coupled to the memory to compare the property of two frames to each other and to cause the computer system to exit the inactive mode in response to the weighted average of brightness of the two frames differing by a predetermined amount.

16. (Amended) The computer system of claim 15 further comprising reset circuitry coupled to the processor to power up the computer system to exit the inactive mode.

Please cancel claim 17 without prejudice.

18. (Amended) The computer system of claim 16, wherein the processor receives frames at a first frame rate when the computer system is in the inactive mode and the processor receives frames at a second frame rate when the electronic device is not in the inactive mode.

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19. (Amended) The computer system of claim 16, wherein the processor determines the frame property when the computer system is in the inactive mode and does not determine the frame property when the electronic device not in the inactive mode.

Please cancel claim 20 without prejudice.

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21. (Amended) The computer system of claim 15, wherein the processor compares frames by comparing a weighted average brightness of consecutive frames.

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22. (Twice Amended) A method of causing a computer system to exit an inactive mode that is entered in response to a predetermined period of inactivity, the method comprising:

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receiving a first frame corresponding to a view at a first time while in the inactive mode;

determining a weighted average brightness for the first frame;

receiving a second frame corresponding to a view at a second time while in the inactive mode;

determining a weighted average brightness for the second frame; and

causing the computer system to exit the inactive mode if the weighted average brightness for the first frame differs from the weighted average brightness for the second frame by a predetermined amount.

23. (Amended) The method of claim 22 wherein determining the property is performed by a processor internal to a video camera coupled to the computer system.

24. (Amended) The method of claim 22, wherein frames are received at a first frame rate when the computer system is not in the inactive mode and at a second frame rate when the electronic device is in the inactive mode.

Please cancel claims 29 and 32 without prejudice.